

> d hist

(FILE 'HOME' ENTERED AT 18:54:09 ON 05 MAR 2003)

FILE 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI,
BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT,
CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPUS, DGENE, DRUGB,
DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, ...' ENTERED AT
18:54:21 ON 05 MAR 2003

L1 4486 S (LEGUMINOSAE OR PHAEOPHYTA) AND (GOSSYPIUM OR CANNABACEA)
L2 6 S L1 AND (SODIUM NITRATE OR SODIUM-POTASSIUM NITRATE OR POTASS
L3 4 DUP REM L2 (2 DUPLICATES REMOVED)

=>

> dup rem 12
DUPLICATE IS NOT AVAILABLE IN 'ADISINSIGHT, ADISNEWS, BIOCOMMERCE, DGENE,
DRUGLAUNCH, DRUGMONOG2, DRUGUPDATES, FEDRIP, FOREGE, GENBANK, KOSMET,
MEDICONF, NUTRACEUT, PHAR, PHARMAML, SYNTHLINE'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING COMPLETED FOR L2
L3 4 DUP REM L2 (2 DUPLICATES REMOVED)

=> d 1-4

L3 ANSWER 1 OF 4 IFIPAT COPYRIGHT 2003 IFI DUPLICATE 1
AN 3722324 IFIPAT;IFIUDB;IFICDB
TI ADVANCED ORGANIC-INORGANIC SOLID-CHEMICAL COMPOSITION AND METHODS FOR
 ANAEROBIC BIOREMEDIATION
IN Hince Eric Christian; Singer Jennifer Ann
PA Geovation Technologies Inc (61973)
PI US 6423531 20020723
AI US 1999-441484 19991117
FI US 6423531 20020723
DT UTILITY
FS CHEMICAL
 GRANTED
CLMN 32
GI 3 Drawing Sheet(s), 3 Figure(s).

L3 ANSWER 2 OF 4 USPATFULL
AN 2002:136808 USPATFULL
TI Method for the enhanced anaerobic bioremediation of contaminants in
 aqueous sediments and other difficult environments
IN Hince, Eric Christian, Campbell Hall, NY, United States
PA Geovation Consultants Inc., Florida, NY, United States (U.S.
 corporation)
PI US 6403364 B1 20020611
AI US 2000-493827 20000128 (9)
DT Utility
FS GRANTED
LN.CNT 1160
INCL INCLM: 435/262.500
 INCLS: 435/262.000; 210/610.000; 210/747.000
NCL NCLM: 435/262.500
 NCLS: 210/610.000; 210/747.000; 435/262.000
IC [7]
 ICM: C12S013-00
EXF 435/262; 435/262.5; 435/179; 435/264; 071/8-11; 071/64.11; 210/610;
 210/611; 210/747; 252/184; 424/468-470; 502/404; 502/518; 504/117
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 3 OF 4 CABA COPYRIGHT 2003 CAB
AN 85:127302 CABA
DN 850782113
TI Effectiveness of different forms of potassium fertilizers on cotton,
 lucerne and maize
AU Madraimov, I. I.; Protopopova, I. I.; Ashirov, D. K.
SO Effektivnost' kaliinykh udobrenii v khlopkovodstve, (1984) pp. 13-21.
 Publisher: Soyuz NIKhI. Tashkent
 Secondary Source: Referativnyi Zhurnal, 55 (Rastenievodstvo) (1985)
 6.55.20
CY UZBEK SSR
DT Miscellaneous
LA Russian

L3 ANSWER 4 OF 4 CABA COPYRIGHT 2003 CAB
AN 83:53926 CABA
DN 820751846

TI Report of the germination committee working group on tropical and
sub-tropical seeds 1977-1980
AU Johnston, M. E. H.; Harty, R. L.
CS Min. of Agric. and Fisheries, Palmerston North, New Zealand.
SO Seed Science and Technology, (1981) Vol. 9, No. 1, pp. 137-140.
ISSN: 0251-0952
DT Conference Article; Journal
LA English
SL German; French

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=> d 3-4 ab

L3 ANSWER 3 OF 4 CABA COPYRIGHT 2003 CABI
AB Of 8 forms of K fertilizers applied to *Medicago sativa* grown on a serozem soil containing 16 mg available K/100 g soil, potassium sulphate, glaserite and potassium chloride were the most effective; they increased hay yields by 0.8-0.9 t/ha or 25-29%. Potassium sulphate and glaserite increased fresh fodder yield of maize by 9.3-15.5 t/ha. K fertilizers increased the seed cotton yield of cotton by 170-540 kg/ha; potassium nitrate was the most effective.

L3 ANSWER 4 OF 4 CABA COPYRIGHT 2003 CABI
AB Samples of 4 grass and 8 legume spp. and castor seeds were distributed among members to compare methods of testing and to provide evidence for the best method. No evidence against previous listed methods was found for *Axonopus compressus*, *Desmodium intortum*, *D. uncinatum*, *Macroptilium atropurpureum*, *Medicago littoralis*, *M. truncatula*, *M. scutellata*, *Panicum maximum* and *Paspalum plicatulum*. *M. rugosa* should be tested according to the method for *M. littoralis*. Germination of *Brachiaria decumbens* seed was greatly stimulated by treatment with conc. sulphuric acid for 13 min. and washing for 2 min. in potassium nitrate sol., with the apparent effect of breaking dormancy. Higher germination of *Setaria anceps* [*S. sphacelata* var. *sericea*] was recorded with KNO₃ than with water. Results of comparative tests at 3 stations on *Glycine wightii* [Neonotonia wightii] were too variable for any conclusions to be drawn and variable results were also obtained for *Lotononis bainesii*. Higher results were obtained in castor at 20-30 deg C than at 25, 30 or 35 deg . Results with *Gossypium hirsutum* were consistently high, indicating that methods could be reduced for this sp., possibly at a single temp. between paper or in sand.

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